

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. **(Currently Amended)** A purified and isolated nucleic acid sequence encoding a levopimaradiene synthase **and comprising SEQ.ID.NO:36.**

2-4 (Cancelled).

5. **(Currently Amended)** An expression vector comprising an isolated and purified nucleic acid sequence encoding a levopimaradiene synthase **and comprising SEQ.ID.NO:36, the sequence** under the control of a promoter operable in a host cell.

6. (Original) The expression vector of claim 5, wherein said promoter is an inducible promoter.

7. (Original) The expression vector of claim 6, wherein said inducible promoter is GAL1.

8. (Original) The expression vector of claim 5, wherein said host cell is a prokaryote.

9. (Original) The expression vector of claim 8, wherein said prokaryote is *Escherichia coli*.

10. (Original) The expression vector of claim 5, wherein said host cell is a eukaryote.

11. (Original) The expression vector of claim 10, wherein said eukaryote is a yeast.

12-22. (Cancelled).

23. **(Currently Amended)** An expression vector comprising an isolated polynucleotide sequence encoding a polypeptide having an amino acid sequence of a levopimaradiene synthase and comprising SEQ.ID.NO:37.

24. (Cancelled).

25. **(Currently Amended)** A unicellular organism comprising a purified and isolated nucleic acid sequence encoding a levopimaradiene synthase and comprising SEQ.ID.NO:36.

26. (Cancelled).

27. (Original) The unicellular organism of claim 25, wherein said nucleic acid sequence further comprises an expression vector.

28. (Original) The unicellular organism of claim 27, wherein said expression vector comprises an inducible promoter.

29. (Original) The unicellular organism of claim 28, wherein said inducible promoter is GALI.

30. **(Currently Amended)** The unicellular organism of claim 25, wherein said nucleic acid sequence ~~encoded~~ encoding said levopimaradiene synthase ~~containing~~ contains a deletion in the N-terminal sequence.

31. (Original) The unicellular organism of claim 25, wherein said organism is *Saccharomyces*, *Escherichia coli*, *Candida albicans* or *Kluyveromyces lactis*.

32. (Original) The unicellular organism of claim 25, wherein said organism is *Escherichia coli*.

33. (Original) The unicellular organism of claim 25, wherein said organism is *Saccharomyces cerevisiae*.

34. **(Currently Amended)** A yeast host cell comprising a vector, wherein said vector comprises a purified and isolated nucleic acid sequence ~~of claim 2~~ encoding a levopimaradiene synthase and comprising SEQ.ID.NO:36 under control of a promoter operable in said yeast host cell.

35. **(Currently Amended)** A yeast host cell comprising a vector, wherein said vector comprises an isolated polynucleotide sequence encoding a polypeptide having an amino acid sequence ~~of claim 20~~ of a levopimaradiene synthase and comprising SEQ.ID.NO:37, the polynucleotide sequence under control of a promoter operable in said yeast host cell.

36. **(Currently Amended)** A plant host cell comprising an isolated and purified nucleic acid sequence ~~of claim 2~~ encoding a levopimaradiene synthase and comprising SEQ.ID.NO:36 under control of a promoter operable in said plant host cell.

37. (Original) The plant host cell of claim 36, wherein said plant is *Ginkgo biloba*.

38-67. (Cancelled).